

20030502.qrp v02\_n908.qrl.20030502

Date: Fri, 2 May 2003 19:03:10 EDT  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 2908

QRP-L Digest 2908

Topics covered in this issue include:

- 1) [149822] Re: For Sale = Red Hot 20  
by "Dave Fifield" <dave@redhotradio.com>
- 2) [149823] Re: Latitude and Longitude  
by "Mike Yettsko" <myetsko@insydesw.com>
- 3) [149824] Re: Small battery chargers  
by Jimmy Lee <jrlaudio@bellsouth.net>
- 4) [149825] Dayton Room Share UPDATE  
by "Alan Fryer" <N3BJ@hotmail.com>
- 5) [149826] WATCH U-SELF WIRE/ ROPE ANT  
by hamjoel@juno.com
- 6) [149827] Re: Latitude and Longitude  
by Michael Babineau <michael.babineau@sympatico.ca>
- 7) [149828] vee beam  
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 8) [149829] Indiana QSO Party - QRP Category  
by "Brian Murrey" <brian@iquest.net>
- 9) [149830] QHB subscription expirations  
by "George Heron N2APB" <n2apb@erols.com>
- 10) [149831] FS rigs  
by "Jerry Ford" <benlightnd13@mchsi.com>
- 11) [149832] Re: Latitude and Longitude  
by "Jim and Jade" <kw3u@warwick.net>
- 12) [149833] FS: Stockton Power Meter  
by "NZ8J" <nz8j@woh.rr.com>
- 13) [149834] FS: JPS NRF-7 DSP Unit  
by "NZ8J" <nz8j@woh.rr.com>
- 14) [149835] Re: New Altoids challenge  
by Jim Thiessen <jthiessen@videotron.ca>
- 15) [149836] Re: Why a Tuner?  
by Bill Coleman <aa4lr@arrl.net>
- 16) [149837] Lebanon MO Hamfest and QRP Forum  
by "David Bixler" <qrp@netins.net>
- 17) [149838] A Simple and Flexible Tuner for QRP  
by Rick McKee <kc8aon@juno.com>
- 18) [149839] Re: Latitude and Longitude  
by Dale Botkin <dale@botkin.org>
- 19) [149840] QRP SSB Rigs

- by Kenneth Hoglund <hoglund@wfu.edu>
- 20) [149841] New K2 remote control software available  
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 21) [149842] Re:Wahr  
by Pete Burbank <plburbank@earthlink.net>
- 22) [149843] Re: Latitude and Longitude and wire strands  
by "Mike Yetsko" <myetsko@insydesw.com>
- 23) [149844] FS rig update  
by "Jerry Ford" <benlightnd13@mchsi.com>
- 24) [149845] N5ZE Website Update  
by "Lew Paceley" <lew@paceley.com>
- 25) [149846] OT-Yaesu FT-5100  
by "Karl F. Larsen" <k5di@zianet.com>
- 26) [149847] Re: Small battery chargers  
by Allen Jones <w9dz@yahoo.com>
- 27) [149848] INFO: US Towers MA 550 and optional base  
by Marv Fagenson <k6hcj@juno.com>
- 28) [149849] Re: New Altoids challenge  
by "Tom" <kf4yyd@adelphia.net>
- 29) [149850] WIRE / ROPE ANT IN THE RAIN  
by hamjoel@juno.com
- 30) [149851] Re:Wahr  
by Ed Tanton <n4xy@earthlink.net>
- 31) [149852] names of decimals between micro, pico and nano?  
by "Tracy Markham" <n4lgh@waveguide.us>
- 32) [149853] source for small coaxial DC supply connectors  
by brewerj@squared.com
- 33) [149854] What's the matter with the www.qsl.net/kd1jv page?  
by "Juanjo Pastor" <ec5aca@wanadoo.es>
- 34) [149855] items FS  
by "john gabbard" <johngabbard@usintouch.com>
- 35) [149856] FS Yaesu FT7  
by "john gabbard" <johngabbard@usintouch.com>
- 36) [149857] Re: names of decimals between micro, pico and nano?  
by "David P. Drake" <dpg@dtg2.ncifcrf.gov>
- 37) [149858] RE: names of decimals between micro, pico and nano?  
by "Ian Wilson" <ianmwilson@earthlink.net>
- 38) [149859] Source of 1 per cent RF capacitors  
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 39) [149860] AT Sprint arrived!  
by "Howard Kraus" <K2UD@adelphia.net>
- 40) [149861] RE: What's the matter with the www.qsl.net/kd1jv page?  
by "K8YS/N8LBR" <jbcraft@adelphia.net>
- 41) [149862] Re: names of decimals between micro, pico and nano?  
by "Brad Hernlem" <alihernlem@hotmail.com>
- 42) [149863] TESTING: need help with HP4191A  
by "Rex Harper" <w1rex@megalink.net>
- 43) [149864] Re: names of decimals between micro, pico and nano?

- by "Mike Yetsko" <myetsko@insydesw.com>
- 44) [149865] Re: source for small coaxial DC supply connectors  
by listmember <listmember@comcast.net>
- 45) [149866] [OT] Test Gear For Sale  
by "Michael Melland" <w9wis@charter.net>
- 46) [149867] A & A Engineering rig  
by "Russ Hines" <wb8zcc@one.net>
- 47) [149868] REDUCED price = Red Hot 20  
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 48) [149869] PSK-31 Demo  
by "Karl F. Larsen" <k5di@zianet.com>
- 49) [149870] Re: Unobtainium-plated connectors?  
by Luke Stras <stras@ecf.toronto.edu>

-----

Date: Thu, 1 May 2003 14:39:50 -0700  
From: "Dave Fifield" <dave@redhotradio.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [149822] Re: For Sale = Red Hot 20  
Message-ID: <012601c3102a\$31fa8b80\$0200a8c0@AD6A>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I can concur that Doc's rig is beautifully built and is actually one of the best performing RH20 rigs I have measured. I tweaked the tuning up for him recently.

Cheers,  
Dave F.  
AD6A

----- Original Message -----  
From: "Doc K0EVZ" <dock0evz@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Thursday, May 01, 2003 12:00 PM  
Subject: For Sale = Red Hot 20

> Gang:  
>  
> For Sale = Red Hot 20 transceiver. CW rig with first-rate components and  
> fit and finish. It is a beautiful rig to see, as well. Recently checked  
> out at the factory.  
>  
> Rig comes with built-in keyer and frequency annunciator. Has 10-turn high

> grade tuning knob. Covers virtually all the CW portion of 20 Metres.  
> Output currently set to 5 watts.  
>  
> Price only \$160.00. and you pay shipping to your CONUS address.  
> Documentation will be included.  
>  
> 73,  
> --Doc/K0EVZ

----- Original Message -----

From: "Doc K0EVZ" <dock0evz@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Thursday, May 01, 2003 12:00 PM  
Subject: For Sale = Red Hot 20

> Gang:  
>  
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> fit and finish. It is a beautiful rig to see, as well. Recently checked  
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>  
> Rig comes with built-in keyer and frequency annunciator. Has 10-turn high  
> grade tuning knob. Covers virtually all the CW portion of 20 Metres.  
> Output currently set to 5 watts.  
>  
> Price only \$160.00. and you pay shipping to your CONUS address.  
> Documentation will be included.  
>  
> 73,  
> --Doc/K0EVZ

-----  
Date: Thu, 1 May 2003 17:44:59 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [149823] Re: Latitude and Longitude  
Message-ID: <001501c3102a\$f1d45080\$0200a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 8bit

> Riyce W2RBN asked:  
>  
> >Is there a web site tht will help find my latitude and longitude?

> >Switchboard.Com used to do this but the  
> >company seems to have changed and I can't get anything from them at  
all.  
>  
> It's 2003. If you really care where you are, there is little  
> excuse not to use GPS.

Uh, excuse me... Sometimes the best solution and the best solution  
for the job are not the same thing.

The guy wanted to know, at least, the way I read it, a way to find out  
his lat and long. Yes, GPS is neat, but spending even \$50 on a used  
DeLorme or Garmin is NOT always a viable solution for the guy that  
just wants to know one time where his house is located!

I went on QRZ and it gave me my lat and long. Even let me bring up  
a map that had me 'nailed'. Yeah, it was off by about the distance of  
my lot, but not too bad for a freebie lookup. Compared to the how  
many dollars recommended being spent??

Yes, GPS is neat, I have 3. (Would have 5, but I sold my GPS12  
and gave away my TripMate.) But I do realize that you don't  
necessarily need to buy a GPS to find out where you are.

By the way, I typed in W2RBN at QRZ and it came back and told  
me his location was 41 32' 31'' N, 73 43' 40'' W

Mike

-----  
Date: Thu, 01 May 2003 18:07:06 -0400  
From: Jimmy Lee <jrllaudio@bellsouth.net>  
To: w7kxb@cox.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [149824] Re: Small battery chargers  
Message-ID: <3EB19A8A.12A95E2B@bellsouth.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Mine seems to be working fine and dandy.  
Jimmy, AE4DT

KXBill wrote:

> Hello Reflectees:

> Purchased the charger discussed below for around 16 USD. Does a  
> great job bringing the battery back up to full charge and maintaining  
> it. It's slow, but it's easy on the Battery.  
> For the record, I have no pecuniary interest in Wall-Mart.  
> Have Phun  
> Later  
> Bill/w7kxb  
>  
> ----- Original Message -----  
> From: "KD5NWA" <KD5NWA@cbayona.com>  
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
> Sent: Thursday, April 17, 2003 11:59  
> Subject: RE: Small battery chargers  
>  
> Enough persons are interested, so I will post to the group the model  
> number  
> when I get home this evening.  
>  
> At 01:52 PM 4/17/2003, Jerry Broiwn wrote:  
> >Cecil,  
> >  
> >I'd like the info when you get a chance to  
> >pass it on.  
> >  
> >72,  
> >  
> >Jerry N4EO  
> >  
> > > -----Original Message-----  
> > > From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On  
> > > Behalf Of  
> > > KD5NWA  
> > > Sent: Thursday, April 17, 2003 1:07 PM  
> > > To: Low Power Amateur Radio Discussion  
> > > Subject: Small battery chargers  
> > >  
> > >  
> > > I recently needed to buy a small capacity charger for charging  
> > > small sealed  
> > > lead acid batteries and ended checking several stores trying to find  
> > > a  
> > > smart charger that I could use. I wanted to be able to leave my  
> > > batteries  
> > > hooked up 24/7 and not be worried about overcharging. I found one at  
> > > Wal-mart for a little less than \$17.00 that is just right. It uses a  
> > > dual  
> > > voltage technology that basically charges the battery to 14.8 volts,  
> > > then

> > > switches to 13.2 volts to maintain the batteries charged without  
> drying  
> > > them out. I has a 1.5 amp max charging capacity.

-----  
Date: Thu, 01 May 2003 22:37:20 +0000  
From: "Alan Fryer" <N3BJ@hotmail.com>  
To: qrp-1@lehigh.edu  
Subject: [149825] Dayton Room Share UPDATE  
Message-ID: <Law9-0E46mQNXgcRMJE0000ac05@hotmail.com>

My offer to share expenses at QRP HQ was successful. One of the distinguished members of this list will be sharing the room.

CU there !

Alan, N3BJ

-----  
Date: Thu, 1 May 2003 22:46:27 GMT  
From: hamjoel@juno.com  
To: qrp-1@Lehigh.EDU, fpqrp-1@mpna.com  
Subject: [149826] WATCH U-SELF WIRE/ ROPE ANT  
Message-ID: <20030501.154726.517.48325@webmail09.lax.unttd.com>  
Content-Type: text/plain

HIGH Y'ALL

dis is disgusted me... ah was happy before ah done went outside and put up a 6 element 3x3 wire ant for twenty meters...

it be wet and kinda cold and seems like rope loves to stick to wet trees... what shoulda took me 30 minutes done took almost 3 hours... however ah did learn a few new ways rope can stick to pine trees...

after the rope decided to come outta the trees right ah gots up the 3x3 and be watching european sstv right now... gonna see what the qrp can do with this thing...

up about 40 foots and fourteen foots spacing on the elements... using twin lead to feed the driver at a high voltage point...and it bees about 40+ feet high .... meaux to follow...

right now ah gots to geaux find my patience, temper and a few other things ah lost in the rain.... :-)

kella joel  
in maine

KE1LA JOEL  
IN MAINE  
FREEZIN

-----  
The best thing to hit the internet in years - Juno SpeedBand!  
Surf the web up to FIVE TIMES FASTER!  
Only \$14.95/ month - visit [www.juno.com](http://www.juno.com) to sign up today!

-----  
Date: Thu, 1 May 2003 19:33:39 -0400  
From: Michael Babineau <michael.babineau@sympatico.ca>  
To: qrp-l@Lehigh.EDU  
Subject: [149827] Re: Latitude and Longitude  
Message-ID: <565104D4-7C2D-11D7-9DDD-00039309268A@sympatico.ca>  
Mime-Version: 1.0 (Apple Message framework v552)  
Content-Type: text/plain; charset=US-ASCII; format=flowed  
Content-Transfer-Encoding: 7bit

Just to add to Laura's (VE7LDH) comment about using GPS for this ....  
other useful features most GPS receivers also provide is accurate UTC  
time, and Maidenhead Grid (ie Grid Square) which is very useful if you  
are doing any portable VHF work or contesting. They do also provide  
elevation if you can get a fix on a sufficient number of birds, but you  
should be cautioned that elevation readings have a higher error than  
lat/long on GPS so they should never replace a good quality altimeter  
for serious mountaineering .. but for us lay-folk it is pretty handy as  
well.

I have used a very basic Garmin with my Psion Series 5 handheld  
computer and Routeplanner software to very successfully navigate  
a number of excursions to previous untravelled US locations.

Although it can be a bit cumbersome to use a full-sized laptop in a  
car (try it and see what I mean) there are also many good PC programs  
(like those from Delorme) that even provide voice directions. A basic  
GPS receiver, some software and cable is pretty much all you need  
to take advantage of this.

So without even touching on the topic of APRS you can see that GPS  
has lots of ham radio uses.

Cheers,

Michael VE3WMB



-----  
Date: Thu, 1 May 2003 18:56:15 -0500  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: <ve3ab@mail.mondenet.com>, <qrp-1@Lehigh.EDU>  
Subject: [149828] vee beam  
Message-ID: <026301c3103d\$40497030\$4e100a0a@rohredt2000>

To realize all the gain of the vee beam, Earl, drop the coax in favor of parallel or ladder line all the way to balun to transmatch. The RG 58 loss will otherwise eat up some of you new found gain.

We ran our 10 wavelength at 10m vees with ladder lines for lowest loss and highest gain and did well, when they are low enough. A vee to be good DX antenna should be 40 feet high or more. It is a better North America antenna when only 10 feet high. Of course, bidirectional, so we put up 3 to cover most of the compass.

72,  
Stuart K5KVH

-----  
Date: Thu, 1 May 2003 19:01:12 -0500  
From: "Brian Murrey" <brian@iquest.net>  
To: "QRP-L" <qrp-1@Lehigh.EDU>, "Flying Pigs" <fpqrp-1@fpqrp.com>  
Subject: [149829] Indiana QSO Party - QRP Category  
Message-ID: <002701c3103d\$f2cf0990\$fa622bd1@bmurrey2K>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Indiana QSO Party

On Saturday May 3, from 1300Z to 0500Z (May 4) hams in Indiana will reach out to the rest of the world in the Indiana QSO Party. Beside trying for awards for fixed and mobile stations inside and outside Indiana, a lot of county hunters will be on the air trying to collect needed Indiana counties.

For the first time, we expect to be able to hand out contacts from all 92 counties. We even expect to have an aeronautical mobile!!! Since the MARAC CW county hunter contest and the New England QSO Party overlap with the Indiana QSO Party, expect a lot of activity on the bands. It

would be great if Indiana stations would listen for MARAC and New England mobiles and work them whenever they change counties (just as we have asked them to listen for Indiana mobiles). You can even keep logs for MARAC and NEQP contacts and enter those contests as well.

For more information on HF frequencies and operating plans, and logging software files, see the INQP web page at [www.hdxcc.org/inqp](http://www.hdxcc.org/inqp).

Plans are already underway for INQP 2004, when we'll merge with the Indiana Buffalo Stampede to create even more Hoosier Hospitality with a special event station representing the Indiana Radio Club Council. That's 2004.... But until then, please try to get on the air next weekend and make Indiana visible. If you don't have HF operating privileges, consider working with another ham as a "multi-op" to put your county on the air.

See you then?

Hoosier DX and Contest Club  
Sponsors of the Indiana QSO Party

Mel Crichton KJ9C

-----  
Date: Thu, 1 May 2003 17:23:50 -0700  
From: "George Heron N2APB" <n2apb@erols.com>  
To: "EPA-QRP" <EPA-QRP@yahoogroups.com>,  
      "NoVAQRP" <NoVaQRP@topica.com>, "NJQRP" <njqrp@njqrp.org>,  
Subject: [149830] QHB subscription expirations  
Message-ID: <00f901c31041\$414315a0\$26116a0a@GHLTP4>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

QRP Homebrewer magazine, issue #10, is at the printer and will be shipping in about one week. Per usual, there are lots of great homebrewing articles this time. A listing of them will be posed soon.

If you think you have a subscription, you should definitely check out the QHB Subscription Expiration page at [http://www.njqrp.org/data/qhb\\_expirations.html](http://www.njqrp.org/data/qhb_expirations.html) ... if your name is listed, you regrettably won't be getting this issue.

If this is the case and you want to renew before we print the labels, or if you wish to start a new subscription, please visit the QHB home page at [http://www.njqrp.org/data/qrp\\_homebrewer.html](http://www.njqrp.org/data/qrp_homebrewer.html) to learn all about the magazine and see the summary of the articles printed over the years.

And for the regular subscribers, don't forget about the "QHB Extra" web pages that we maintain at <http://www.njqrp.org/qhbextra>. This is the location of the "online version" of the magazine where we posted full color and full resolution graphics, photos, schematics, charts and illustrations of the material in the printed articles. This "extra" presentation of material really complements the authors' article and gives subscribers much additional and useful references for the projects presented.

73, George N2APB n2apb@amsat.org  
editor & publisher, QRP Homebrewer magazine  
at [www.njqrp.org/qrp\\_homebrewer.html](http://www.njqrp.org/qrp_homebrewer.html)

-----  
Date: Thu, 1 May 2003 19:40:18 -0500  
From: "Jerry Ford" <benlightnd13@mchsi.com>  
To: "qrp-1" <qrp-1@lehigh.edu>  
Subject: [149831] FS rigs  
Message-ID: <011e01c31043\$685a2fa0\$f374da0c@mchsi.com>

FS        Elecraft K-1

This is a 4 band unit ( 15, 20, 30, 40 ) set up with 80 Kc's band spread. It has the internal Noise Blanker, The internal Antenna Tuner and comes with a spare 2 band board for 20 & 40. On a scale of 1 to 10, this one is a 10 both cosmetically and electrically. It's stock except for the back light mod !!  
I built this rig 1 1/2 years ago and have used it several times for field op's etc. Works great and I hate to sell but no choice.  
Bill's Bill's Bill's

Also, have an SW 20 + in Dave's enclosure kit. This one is also a 10 and is a ton of fun to operate. Comes with the Freqmite installed and is stock except for the volume pot. I converted it to a RS On / Off audio taper pot. Also pulled R 9 off the board and it's currently mounted in series. ( had plans of converting this to a pot to set sidetone volume but never got around to it )

I need to move these pretty quick so the K-1 will go for \$425.00.  
( add it up, thats \$100 bucks under retail )

( you cover shipping )

The SW 20+ will go for \$90.00 and you cover shipping.

Please respond direct:

Thanks very much for your consideration

72 / 73 Jerry N0JRN  
FP # 546, ARS # 923, ARCI # 11049, ARRL,  
Springfield, Mo. <http://home.mchsi.com/~n0jrn/>  
MP + # 8, K 1 # 608, SW 20 +, TT 1340 , RM 20 &  
40, Tiny Tornado 20, 30, 40, 80, SMK - 1  
and so on and so on

-----  
Date: Thu, 1 May 2003 20:54:08 -0700  
From: "Jim and Jade" <kw3u@warwick.net>  
To: <myetsko@insydesw.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [149832] Re: Latitude and Longitude  
Message-ID: <00d801c3105e\$b1dfa4a0\$34a206d8@f5b712>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Many means to an end, but if cost is a concern, then the GPS is cheapest. To look it up on the internet you must buy a computer, get an isp, so IMHO Laura is correct on that one.

----- Original Message -----  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Thursday, May 01, 2003 2:44 PM  
Subject: Re: Latitude and Longitude

> > Riyce W2RBN asked:  
> >  
> > >Is there a web site tht will help find my latitude and longitude?  
> > >Switchboard.Com used to do this but the  
> > >company seems to have changed and I can't get anything from them at  
> all.

> >  
> > It's 2003. If you really care where you are, there is little  
> > excuse not to use GPS.  
>  
> Uh, excuse me... Sometimes the best solution and the best solution  
> for the job are not the same thing.  
>  
> The guy wanted to know, at least, the way I read it, a way to find out  
> his lat and long. Yes, GPS is neat, but spending even \$50 on a used  
> DeLorme or Garmin is NOT always a viable solution for the guy that  
> just wants to know one time where his house is located!  
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> I went on QRZ and it gave me my lat and long. Even let me bring up  
> a map that had me 'nailed'. Yeah, it was off by about the distance of  
> my lot, but not too bad for a freebie lookup. Compared to the how  
> many dollars recommended being spent??  
>  
> Yes, GPS is neat, I have 3. (Would have 5, but I sold my GPS12  
> and gave away my TripMate.) But I do realize that you don't  
> necessarily need to buy a GPS to find out where you are.  
>  
> By the way, I typed in W2RBN at QRZ and it came back and told  
> me his location was 41 32' 31'' N, 73 43' 40'' W  
>  
> Mike  
>

-----  
Date: Thu, 1 May 2003 20:58:24 -0400  
From: "NZ8J" <nz8j@woh.rr.com>  
To: <qrp-l@Lehigh.EDU>  
Subject: [149833] FS: Stockton Power Meter  
Message-ID: <002601c31045\$ef60c430\$6400a8c0@NZ8J>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have a Stockton power meter put out by Kanga for sale. It is assembled in a plastic box with 2 meters (one of the meters has a cracked face cover but doesn't affect operation), in/out SO-239's and a 5/20w switch. It is not real pretty, it seems to work, but it may need to be calibrated. I have all the paperwork for it. I will ship it as-is for \$18

Thanks

Tim

Nz8J

-----  
Date: Thu, 1 May 2003 21:04:09 -0400  
From: "NZ8J" <nz8j@woh.rr.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [149834] FS: JPS NRF-7 DSP Unit  
Message-ID: <003201c31046\$bcd8b620\$6400a8c0@NZ8J>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Excellent condition and works great, very simple to operate, in/out switch, and a 10 position mode switch. Just put it in line and you're done, you operate the volume control on the rig as normal, you do not have to set the level and then control the volume using the filter. I have the original box, manual and wall wart power supply.

\$95 shipped priority mail

Thanks  
Tim  
NZ8J

-----  
Date: Thu, 01 May 2003 21:36:34 -0400  
From: Jim Thiessen <jthiessen@videotron.ca>  
To: QRP-L <qrp-1@Lehigh.EDU>  
Subject: [149835] Re: New Altoids challenge  
Message-ID: <000601c3104b\$45b77b30\$1c02a8c0@847943dgrb>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

A guy at the office gave me an empty Altoids tin the other day that had the additional label: "The Tiny Tin ". Its small like you describe.

Speaking of new tins, first thing this morning, when I went into the bosses office to complain about something, I noticed he had a new un-opened tin of mints called "Manage-MINTS". These are "Dilbert" mints in a tin the same size as a regular Altoids tin. I told them that since I'm such a good employee, he should give it to me. (He buys me coffee all the time...so I

thought I could push his generosity a bit.) But he refused with some colorful language thrown in. I told him its perfect for one of my little radio projects and he could keep the mints,...but he still wouldn't give it to me. He has a thing for Dilbert stuff. On the wall there is a Dilbert calendar and on the bookshelf a Dilbert doll. The mints, by the way, are shaped like little Dilterts (yes he did offer me a mint later on this morning).

Who will be the first to build something in a Dilbert "Manage-MINT" tin.

Jim  
VA3KV

-----  
Date: Thu, 1 May 2003 22:05:07 -0400  
From: Bill Coleman <aa4lr@arrl.net>  
To: <quahog@localnet.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [149836] Re: Why a Tuner?  
Message-ID: <20030502020715.XAEI11247.imf60bis.bellsouth.net@[192.168.0.20]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 4/24/03 11:00 PM, Paul Mills at quahog@localnet.com wrote:

>I'm with you all the way up to the word 'resonated'. I still  
>don't see where a non-resonant antenna becomes resonant here. I  
>understand the concept of conjugate matching, I have used it to  
>end feed a half-wave dipole with a quarter wave of open wire,  
>but the feeder just transforms the  $r+/-jx$  to another 'conjugate'  
>value, one that is perhaps more usable

Resonance is the condition where the imaginary (j) part of the impedance is zero. It doesn't really matter what the real part of the impedance is to achieve resonance. (ie you can achieve resonance at something other than 50 ohms.

An antenna tuner (a misnomer, should be "antenna system tuner") supplies the conjugate of the impedance presented at its output terminals. At those terminals, the sum of the impedances will be some  $R + j0$  -- ie resonance.

Further, that resonant condition applies all the way up the feedline and into the antenna (ignoring the feedline losses, which will cause the conjugate condition to diverge). Since the impedance at the antenna terminals will also be some  $R + j0$  (where this R may be different than

the R at the antenna tuner output terminals), the antenna is at resonance.

It's an important point, and one that Walt Maxwell has tried very hard to get across to the amateur community.

Bill Coleman, AA4LR, PP-ASEL                      Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
      -- Wilbur Wright, 1901

-----  
Date: Thu, 1 May 2003 21:43:05 -0500  
From: "David Bixler" <qrp@netins.net>  
To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>  
Subject: [149837] Lebanon MO Hamfest and QRP Forum  
Message-ID: <000001c31054\$8faaab50\$bc77f8d8@XPComputer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="us-ascii"  
Content-Transfer-Encoding: quoted-printable

Hi Gang:

Just a reminder that the Lebanon, Missouri hamfest is this coming Saturday, May 3rd. This is the ARRL's Midwest convention this year and should be a pretty good hamfest. Riley Hollingsworth (FCC enforcement) and Jim Haynie (ARRL President) will be there.

The Four State QRP Group will have a QRP and Homebrew forum at 12:30. All QRP'ers and builders are invited to attend and meet the 4SQRP gang. Also, we have several tables out in the hamfest flea market area and other QRP'ers are welcome to come over and set for a spell.

Hope to see you there!

For hamfest info: <http://home.earthlink.net/%7Ewb9m/>

72, Dave

David Bixler                      W0CH  
Seneca, Missouri  
W0CH QRP Web Site:                <http://w0ch.com> or <http://w0ch.net>  
Four State QRP Group:            <http://4sqrp.com>

QRP: Little Radios, Big Fun!=20



-----  
Date: Thu, 1 May 2003 22:51:17 -0400  
From: Rick McKee <kc8aon@juno.com>  
To: fpqrp-1@mpna.com, qrp-1@Lehigh.EDU  
Subject: [149838] A Simple and Flexible Tuner for QRP  
Message-ID: <20030501.225122.9166.2.kc8aon@juno.com>

Gang,

While searching the web for a QRP Tuner project, I came across a very good design by Craig LaBarge, WB3GCK and originally appeared in the June 1996 edition of the Michigan QRP Club newsletter "The Five Watter." Craigs design is a simple LC circuit that is switchable between a basic "L" network for high impedance loads such as a half wave end fed wire, or a series L-C circuit for low impedance loads such as a quarter wave wire.

I built one up this evening and just using high and low impedance dummy loads, it looks like it is going to work quite well ! The link below will lead you to it, thought ya'll might want to take a look see !

<http://www.qsl.net/wb3gck/tuner.htm>

And Craig, if you're out there - THANKS !

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl  
SW 40+, HW-8, Yaesu FT-7, Homebrew 6V6 tube TX & Hallicrafters SW500 RX  
<> RockMite 40 <>  
QRP-L #2112, FPqrp #33, AR QRP #269  
QRP'ers DEPEND ON SKILL - NOT RAW POWER !

-----  
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-----  
Date: Thu, 1 May 2003 22:21:43 -0500 (CDT)  
From: Dale Botkin <dale@botkin.org>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [149839] Re: Latitude and Longitude  
Message-ID: <Pine.LNX.4.33.0305012216240.12713-1000000@madmax.botkin.org>

MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 1 May 2003, Jim and Jade wrote:

> Many means to an end, but if cost is a concern, then the GPS is  
> cheapest. To look it up on the internet you must buy a computer,  
> get an isp, so IMHO Laura is correct on that one.

Though of course one would assume that since the OP posted the question to the list, he's already got access to those items, so his incremental cost of using a web reference would still be somewhat lower than GPS.

8-)

ObQRP: So I'm wiring up a little project this evening, and figured using some nice super high quality silver-plated Teflon insulated wire scavenged from a C-band commercial microwave thingie would be a great idea. Uh, not really. Teflon is stiff, a pain to strip, and the nice super-fine silver plated wire wicks up solder and gets stiff as a board. So what is a better wire to use next time I'm building something that needs to fit in really tight quarters? Or do I just need skinnier fingers?

72,  
Dale - N0XAS  
--

It's a thankless job, but I've got a lot of Karma to burn off.

-----  
Date: Thu, 01 May 2003 23:29:04 -0400  
From: Kenneth Hoglund <hoglund@wfu.edu>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [149840] QRP SSB Rigs  
Message-ID: <3EB1E600.59F48E1C@wfu.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang--

We've seen some discussion of late of various options for QRP SSB rigs. I poked about here and there, and have compiled a comparison chart of the main options.

	SGC2020	WM20/40	MFJ 94XX
Wgt	4.4 lbs	13 ozs	2 lbs

Pwr out	0-20 (5 most eff)	3-4 PEP	10 PEP
Pwr rec	400 mA	120 mA	100 mA
Pwr Tran	800 mA	1 A	2.2 A
Rec MDS	-130dB	-128dB	-131dB
Func	multi	ssb	ssb (cw)
Range	multiband	monobd	monobd
Cost	\$675 (base)	\$160 when	\$240 (cw New-kit \$50 extra)

Each rig has its niche, but for my money, I've never used anything as startling in performance as the White Mountain 20. My particular rig was bought used off this list, and I could recount story after story of qso's that shouldn't have been possible, but were successful.

Hope this helps some folks out there.

73

Ken KG4FGC

-----

Date: Fri, 2 May 2003 1:11:52 -0500  
From: "Doc K0EVZ" <dock0evz@earthlink.net>  
To: "qrp-l reflector" <qrp-l@lehigh.edu>,  
"Elecraft " <elecraft@mailman.qth.net>  
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>  
Subject: [149841] New K2 remote control software available  
Message-ID: <41200355261152194@earthlink.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII

Gang:

Have been using Dan's free software (see below) for the K2 rig. I cannot say enough good about this product. What it gives you is a computer control front end for your rig. You get a big screen full of info, and \*lots\* of controls from your keyboard. I have been using it for several months ago, with nary a hiccup. It is highly intuitive to use, and makes

the K2 an even better rig, IMHO.

I like being able to click directly on whichever CW filter I want--no need to cycle through to get to the filter I actually need. Plus it is interesting to click directly between very narrow and wide, to see quickly the effect. You can also switch the AGC off and on from the screen. What I particularly find useful is the type ahead buffer, which allows me to type up to \*five long lines\* of text [g]. The software also offers 12 different memorised messages, very useful for contesting.

Anyway, if you have been waiting for such a program, give this one a look. Highly recommended. Just my \$.02 worth.

73,

--Doc/K0EVZ

```
> [Original Message]
> From: <ke6d@juno.com>
> To: <elecraft@mailman.qth.net>
> Cc: <ke6d@attbi.com>
> Date: 1/9/2003 2:45:20 AM
> Subject: [Elecraft] New K2 remote control software available
>
> Happy new year Elecrafters,
>
> I just posted an update to the K2S software (v1.0b) on my webpage at
> www.qsl.net/ke6d tonight. This is a bug-fix version of K2S v1.0.
>
> Due to a lot of requests for the network version of K2S (K2Anywhere), I
> decided to upload K2Anywhere to my webpage for anyone who would like to
> try it out. Currently, K2Anywhere/K2Server has been tested only on WinNT
> 4.0 and Win ME. It may also run
> on Win 2K but is definitely not running on Win XP (!)
>
> Enjoy es GL,
>
> Dan, KE6D
>
> =====
> Danh Le
> Amateur Radio Station KE6D
> ke6d@attibi.com, ke6d@juno.com
> =====
>
>
> -----
> Sign Up for Juno Platinum Internet Access Today
> Only $9.95 per month!
```

> Visit [www.juno.com](http://www.juno.com)  
> -----  
> Elecraft mailing list: [Elecraft@mailman.qth.net](mailto:Elecraft@mailman.qth.net)  
> You must be a list member to post to the list.  
> Postings must be plain text (no HTML or attachments).  
> See: <http://mailman.qth.net/mailman/listinfo/elecraft>  
> Elecraft Web Page: <http://www.elecraft.com>

-----  
Date: Fri, 02 May 2003 02:13:22 -0400  
From: Pete Burbank <[plburbank@earthlink.net](mailto:plburbank@earthlink.net)>  
To: dale@botkin.org,  
      "Low Power Amateur Radio Discussion" <[qrp-1@lehigh.edu](mailto:qrp-1@lehigh.edu)>  
Subject: [149842] Re:Wahr  
Message-ID: <5.2.0.9.0.20030502015556.00a51060@Earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 11:21 PM 5/1/2003, Dale Botkin wrote:

>SNIP.....  
.....

>ObQRP: So I'm wiring up a little project this evening, and figured using  
>some nice super high quality silver-plated Teflon insulated wire scavenged  
>from a C-band commercial microwave thingie would be a great idea. Uh, not  
>really. Teflon is stiff, a pain to strip, and the nice super-fine silver  
>plated wire wicks up solder and gets stiff as a board. So what is a  
>better wire to use next time I'm building something that needs to fit in  
>really tight quarters? Or do I just need skinnier fingers?

>

>72,

>Dale - NOXAS

>--

>It's a thankless job, but I've got a lot of Karma to burn off.

Tefzel wirewrap wire works fine for small projects. The best way I ever

found to strip it was to grind a "V"  
into a small pair of scissors and be really careful not to nick the wire.  
Another handy tool are what are called  
"splinter pliers" in the medical industry but they are expensive.  
Have fun!  
73 Pete NV4V

-----  
Date: Fri, 2 May 2003 08:21:31 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <dale@botkin.org>,  
      "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [149843] Re: Latitude and Longitude and wire strands  
Message-ID: <007001c310a5\$5e617780\$0200a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> Though of course one would assume that since the OP posted the question  
to  
> the list, he's already got access to those items, so his incremental  
cost  
> of using a web reference would still be somewhat lower than GPS.

And don't forget the public library! And, HOLY COW! PAPER  
MAPS!!!

> ObQRP: So I'm wiring up a little project this evening, and figured using  
> some nice super high quality silver-plated Teflon insulated wire  
scavenged  
> from a C-band commercial microwave thingie would be a great idea. Uh,  
not  
> really. Teflon is stiff, a pain to strip, and the nice super-fine  
silver  
> plated wire wicks up solder and gets stiff as a board. So what is a  
> better wire to use next time I'm building something that needs to fit in  
> really tight quarters? Or do I just need skinnier fingers?

When you shop for wire, one of the things that USED to be a pretty  
common spec but has fallen out of favor is the construction of the wire.

You can have a piece of 20ga wire, for example, and it could be made  
of a single 20ga wire, or 5 strands of something about 28ga, or 7 strands  
of something about 32ga, or... You get the idea. The more strands,

the more flexible. But also, the more it will wick solder. I used to see the 'construction' marked on the spools at Radio Shack, but now that seems to have disappeared except for some of the specialty wire.

Mike

-----  
Date: Fri, 2 May 2003 09:15:31 -0500  
From: "Jerry Ford" <benlightnd13@mchsi.com>  
To: "qrp-l" <qrp-l@lehigh.edu>  
Subject: [149844] FS rig update  
Message-ID: <01d501c310b5\$4ac8bb60\$f374da0c@mchsi.com>

Well folks: The K-1 has been spoken for!!  
Still have the SW 20+ and open for any reasonable offers.  
73 Jerry N0JRN

FP # 546, ARS # 923, ARCI # 11049, ARRL,  
Springfield, Mo. <http://home.mchsi.com/~n0jrn/>  
MP + # 8, K 1 # 608, SW 20 +, TT 1340, RM 20 &  
40, Tiny Tornado 20, 30, 40, 80, SMK - 1  
and so on and so on

-----  
Date: Fri, 2 May 2003 09:29:19 -0500  
From: "Lew Paceley" <lew@paceley.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>,  
"netxqrp" <netxqrp@mailman.qth.net>, "aqrp" <AQRP@yahoogroups.com>  
Subject: [149845] N5ZE Website Update  
Message-ID: <003f01c310b7\$387a3ae0\$6501a8c0@swbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Folks,  
I've finally gotten around to updating my website:

<http://www.paceley.com>

New items include:

\* A look at Dennis, KK5PY's new portable Te Ne Tuner (must see!)

\* Yet another Z-match tuner implementation based on the Norcal BLT design  
\* A couple of portable PVC antenna mast designs using BW-20/SD-20 fishing poles

On deck for a future updates:

\* EMRFD project 1 - a VFO-based DC 40m receiver  
\* A low impact permanent installation of a BW-20/SD-20 mast

Enjoy!

72/73,  
\*Lew\*  
N5ZE

-----  
Date: Fri, 2 May 2003 09:29:14 -0600 (MDT)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: qrp-l@lehigh.edu  
Subject: [149846] OT-Yaesu FT-5100  
Message-ID: <Pine.LNX.4.44.0305020927080.2195-100000@bucket.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I bought this old dual band radio and wonder if anyone remembers how to set it up as a cross band repeater.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

-----  
Date: Fri, 2 May 2003 08:34:51 -0700 (PDT)  
From: Allen Jones <w9dz@yahoo.com>  
To: qrp-l@Lehigh.EDU  
Subject: [149847] Re: Small battery chargers  
Message-ID: <20030502153451.71512.qmail@web14107.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I bought one of these a couple weeks ago and it works



well for the price. It floats the battery at 13.15 V according to my Fluke DVM. That is a little low as most manufacturers suggest 13.6 to 13.8 V. Also be aware that the charger places a load on the battery if it is connected and the AC power goes off. This is mentioned in the brochure. Pretty evident as the green LED stays lit with the AC disconnected.

73

Allen - W9DZ

>Hello Reflectees:

> Purchased the charger discussed below for around  
>16 USD. Does a  
>great job bringing the battery back up to full charge  
>and maintaining  
>it. It's slow, but it's easy on the Battery.  
>For the record, I have no pecuniary interest in  
Wall->Mart.  
>Have Fun  
>Later  
>Bill/w7kxb

> > From: owner-qrp-1@Lehigh.EDU  
[mailto:owner-qrp-1@Lehigh.EDU]On  
Behalf Of

> > KD5NWA

> > Sent: Thursday, April 17, 2003 1:07 PM

> > To: Low Power Amateur Radio Discussion

> > Subject: Small battery chargers

> >

> >

> > I recently needed to buy a small capacity charger  
for charging

> > small sealed

> > lead acid batteries and ended checking several  
stores trying to find

a

> > smart charger that I could use. I wanted to be  
able to leave my  
batteries

> > hooked up 24/7 and not be worried about  
overcharging. I found one at

> > Wal-mart for a little less than \$17.00 that is  
just right. It uses a  
dual

> > voltage technology that basically charges the  
battery to 14.8 volts,

then  
> > switches to 13.2 volts to maintain the batteries  
charged without  
drying  
> > them out. I has a 1.5 amp max charging capacity.

---

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---

Date: Fri, 2 May 2003 09:38:39 -0700  
From: Marv Fagenson <k6hcj@juno.com>  
To: qrp-l@Lehigh.edu  
Subject: [149848] INFO: US Towers MA 550 and optional base  
Message-ID: <20030502.093842.-442795.1.k6hcj@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Does anyone have any paperwork on the 55ft mast and optional base,  
please. US Towers is reticent to send any "installation instructions".  
Thanx,  
Marv Fagenson  
k6hcj@Juno.com

---

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---

Date: Fri, 2 May 2003 12:51:51 -0400  
From: "Tom" <kf4yyd@adelphia.net>  
To: "qrp-l" <qrp-l@lehigh.edu>, <jthiessen@videotron.ca>  
Subject: [149849] Re: New Altoids challenge  
Message-ID: <EIEBLEILGEEGMLHGH0AGCECDCFAA.kf4yyd@adelphia.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Jim,

If you really want to score points with your boss point him here:

<http://www.candy2you.com/products.asp?brand=5&aid=dilbert>

They have all kinds of different 'Dilbert' tins, Accomplish-Mints, Appease-Mints, Appoint-Mints, Pay-Mints & Perform-Mints to name a few. They could make a really interesting station.

73's

Tom kf4yyd

-----  
Date: Fri, 2 May 2003 17:01:14 GMT  
From: hamjoel@juno.com  
To: qrp-1@Lehigh.EDU, LL11142@aol.com, REDDENISON@aol.com,  
fpqrp-1@mpna.com  
Subject: [149850] WIRE / ROPE ANT IN THE RAIN  
Message-ID: <20030502.100131.517.58363@webmail07.lax.unttd.com>  
Content-Type: text/plain

hiGH Y'ALL

AFTER ALL THAT WORK ON THE ANT YESTERDAY i RESTED UP AND FOUND ALL BUT MY SANITY... AND FRANKLY AH DON'T KNEAUX HOW LONG THAT BAN MISSIN....

ANYHOW AH DONE GOT FEED UP WITH THIS NEW ANTENNA NOT PICKING UP EUROPE AND IT STILL BE RAINING AND COLD... SO AH PUTS ON SOME CLOTHES WHAT GONNA SUCK UP WATER FOR ABOUT AH HOUR BEFORE IT WETS ME.... WHICH BEES MEAUX TIME THAN WHAT AH NEEDED IF ALL GONE RIGHT....

DID U KNEAUX DAT WET ROPE AND WET TREES DON'T SLIDE WELL TOGETHER... i UNTIED MAH ROPES AND THE ANTENNA JUST STAYED THAIR...SO AH WENT OVAR TO THE FEED LINE AND PULLED... SEEMS ALL THEM ROPES STARTED TO SLIP AT THE SAME TIME AND AH FOUND MYSELF KNEE DEEP IN WIRE AND ROPE...

NO PROBLEMS YET.... i UNTANGLED MY SELF AND PUT THE DIRECTOR WHARE THE REFLECTOR WAS AND THE REFLECTOR WHARE THE DIRECTOR WAS... REVERSING THE DIRECTION OF THE ANTENNA... ITS NOW TOWARDS THE US...

ANYHOW AH DONE PULL UP ON SIDE OF THE ANTENNA AND THEN AH LOOKS AT THE OTHER WHAT DONE ATE MY LUNCH YESTERDAY AND BY GEORGE AH FIGURED THAT THING OUT... i HAD TO START PULLIN ROPE FROM THE OTHER END TO THIS END AND NOT VISE VERSA LIKE AH DONE YESTERDAY....

THAT ROPE SCOOTED RIGHT ON UP THAIR... NOW AH GOTS 3X3 (SIDE BY SIDE) POINTING TOWARDS LOUISIANA AND ABOUT 40 FOOTS UP... LETS HOPE IT WORKS THIS TIME...

AS AN ASIDE... WHEN AH COME IN THE HOUSE i FOUND MAH CLOTHES DONE PICKED UP ABOUT 40 POUNDS OF WASTER SO i SQUISHED THE WATER OUT INTO THE WEASH TUB AND ADDED

A BIT OF HOT WATEER AND ENJOYED A NICE HOT BATH, COURTESY OF MOTHER NATURE....  
THEM CLOTHES WAS SOAKED...

LET Y'ALL KNEAUX HOW THE ANTENNA WORKS NOW A LILTTLE LATER....  
KE1LA JOEL  
IN MAINE..

KE1LA JOEL  
IN MAINE  
FREEZIN

-----  
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-----  
Date: Fri, 02 May 2003 13:41:47 -0400  
From: Ed Tanton <n4xy@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [149851] Re:Wahr  
Message-ID: <5.2.0.9.2.20030502134015.03055bf8@pop.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Personally Dale, I use nothing BUT TFE wire-and haven't since I started acquiring it whenever I could find some surplus, in the late 1970s/early 1980s, and was building prototypes for an aerospace company which used it exclusively per MIL dictate. The stripping is easily handled by inexpensive Ideal Wirestrippers, and others, with dedicated wire-size holes for stripping.

I also have acquired-over the years-several types of thermal wire strippers-but the Ideals usually suffice. I've never experienced the kind of extensive wicking you mention, and don't understand what difference an 1/8 of an inch or so of stiffness would make in a wire. More than that being drawn up into the wire I cannot imagine.

The only place where TFE wire is not advised would be where it is carried hard across a corner-because it (and Kapton) slowly 'flows' and can leads to problems shorting to the material of the sharp corner-although I don't think much of anything else would withstand much of such pressure either. Ask Boeing about the problems with TFE and Kapton 'flow'.

I wouldn't use anything but TFE wire. It doesn't melt, it safely carries higher currents than PVC, and-especially for small shielded cables-I can actually solder to the braid w/o melting through to the center conductor.

Furthermore, it has a much higher breakdown voltage than PVC etc. While you don't want to buy it new, there's plenty around surplus-I lugged an ~ 1 foot diameter roll of #12 of white-with blue tracer-roll at Dayton several years ago. Cost was under \$20.

Far as I'm concerned, nothing else is worth using.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY  
189 Pioneer Trail  
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by  
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;  
SEDXC NCDXA GACW QRP-ARCI  
OK-QRP QRP-L #758 K2 (FT) #00057

-----  
"He that gives up a little liberty to gain  
temporary security will lose both and  
deserve neither".  
--Benjamin Franklin

"Suppose you were an idiot ...  
and suppose you were a member of  
Congress... but I repeat myself."  
--Mark Twain  
-----

-----  
Date: Fri, 02 May 2003 10:53:16 -0700  
From: "Tracy Markham" <n4lgh@waveguide.us>  
To: qrp-l@Lehigh.EDU  
Subject: [149852] names of decimals between micro, pico and nano?  
Message-ID: <200305021749.h42HnDd3021746@rain.CC.Lehigh.EDU>

Hey guys -

The handbook shows the names of the popular decimals - centi, milli, micro, pico ...

BUT there's two decimals between micro and milli, and between micro and pico, etc.

Where can one find the names, if they've ever been given, of the odd decimals?

deci	.1
centi	.01
milli	.001
??	.0001
??	.00001
micro	.000001
??	.0000001
??	.00000001
etc	

I don't have any real reason for needing this - just curiosity. IS there a name for these unidentified decimals??

always thinking up more goofy stuff ... sorry  
Tracy N4LGH

-----  
Date: Fri, 2 May 2003 13:49:07 -0400  
From: brewerj@squared.com  
To: qrp-l@lehigh.edu  
Subject: [149853] source for small coaxial DC supply connectors  
Message-ID: <0F5E6521FE.E3E19C44-0N85256D1A.0061AC0F@CIS.SQUARED.COM>  
MIME-Version: 1.0  
Content-type: text/plain; charset=us-ascii

I'm looking for a mail order place to buy a dozen or two of the small barell type coaxial power connectors used on most QRP gear. I'm getting tired of paying Radio Shack prices for them.

Anyone have a good source for them at reasonable prices. Have checked All Electronics and Electronic Goldmine without success.

Need male and female versions of this connector

Thanks!  
John

-----  
Date: Fri, 2 May 2003 10:28:55 +0200  
From: "Juanjo Pastor" <ec5aca@wanadoo.es>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Cc: "Steven Weber" <kd1jv@moose.ncia.net>  
Subject: [149854] What's the matter with the www.qsl.net/kd1jv page?  
Message-ID: <000101c310d4\$2fb04c20\$af55523e@ec5acawanadoo>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 8bit

Hello to all readers,

First of all, happy Easter from old Spain. Yesterday I was surfin' around the net and when I entered the "Melt Solder" page most links were marked in red and didn't work at all. Is this a permanent feature or will be corrected soon? Thanks for your help in advance.

73, 72 de Juanjo, EA5CHQ-EC5ACA. EA-QRP #104, G-QRP #9742, QRP-L #1662.

Juanjo Pastor  
C/San Roque, 4-1  
46460 Silla  
SPAIN

e-mail: ea5chq@wanadoo.es  
Tel.: +034 96 120 17 67  
Movil: 651 35 35 11

-----  
Date: Fri, 2 May 2003 11:11:18 -0700  
From: "john gabbard" <johngabbard@usintouch.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [149855] items FS  
Message-ID: <003301c310d6\$3ad9bda0\$b9811c0c@john>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

All the following are in good to excellent condition and are working....1.Wilderness Sierra transciever,digital display,internal keyer and comes with 80,40,30,20,17 and 15 mtr band modules...\$275.00 plus shipping...2.Smk1 and BLT, both built and working,nicely built, \$50.00 shipped USA....3.Tick 1 keyer in altoids tin W/battery Works.\$10.00 shipped USA....4.KD1JV audio filter board built,no enclosure, \$10.00 shipped USA...

-----  
Date: Fri, 2 May 2003 11:24:42 -0700  
From: "john gabbard" <johngabbard@usintouch.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [149856] FS Yaesu FT7  
Message-ID: <003b01c310d8\$19e0d050\$b9811c0c@john>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

This is one item I forgot to list previously, I have a nice looking fully functional FT7 tranciever 80 thru 10 mtr . It comes with the original mic, mobile mount and the original manual...It needs the DC power cable, However, I have a HB cable I made up and it works FB...the original connector is still available from Newark Electronics...\$175.00 plus \$20.00 shipping USA  
Thanks John KF70M

-----  
Date: Fri, 02 May 2003 15:13:54 -0400  
From: "David P. Drake" <dpd@dtpx2.ncifcrf.gov>  
To: qrp-l@Lehigh.EDU  
Subject: [149857] Re: names of decimals between micro, pico and nano?  
Message-ID: <5.2.0.9.2.20030502151019.04254810@dtpx2.ncifcrf.gov>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"; format=flowed  
Content-Transfer-Encoding: quoted-printable

from <http://physics.nist.gov/cuu/Units/prefixes.html>



Factor	Name	Symbol
10 <sup>24</sup>	yotta	Y
10 <sup>21</sup>	zetta	Z
10 <sup>18</sup>	exa	E
10 <sup>15</sup>	peta	P
10 <sup>12</sup>	tera	T
10 <sup>9</sup>		giga G
10 <sup>6</sup>		mega M
10 <sup>3</sup>		kilo k
10 <sup>2</sup>		hecto h
10 <sup>1</sup>		deka da

Factor	Name	Symbol
10 <sup>-1</sup>		deci d
10 <sup>-2</sup>		centi c
10 <sup>-3</sup>		milli m
10 <sup>-6</sup>		micro =B5
10 <sup>-9</sup>		nano n
10 <sup>-12</sup>	pico	p
10 <sup>-15</sup>	femto	f
10 <sup>-18</sup>	atto	a
10 <sup>-21</sup>	zepto	z
10 <sup>-24</sup>	yocto	y

N3LSB - Dave	dpd@dtpax2.ncifcrf.gov
Taneytown, MD	QRP-1#:317
Carroll County	FM19jp

-----

Date: Fri, 2 May 2003 12:24:22 -0700  
 From: "Ian Wilson" <ianmwilson@earthlink.net>  
 To: <n4lgh@waveguide.us>,  
       "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>  
 Subject: [149858] RE: names of decimals between micro, pico and nano?  
 Message-ID: <000c01c310e0\$7a6146a0\$1002a8c0@TrabucoIan>  
 MIME-Version: 1.0  
 Content-Type: text/plain;  
       charset="us-ascii"  
 Content-Transfer-Encoding: 7bit

Officially, in the MKS system, there are only (positive and negative) powers of 3. So you have meters, kilometers and millimeters; but not centimeters.

However, centimeters are far too useful as a 'human-sized' unit so they

persist despite the best  
efforts of Standards bodies to kill 'em off.

Along similar lines, I've noticed that even in countries that are fully  
metric, there are still lurking units of measure that correspond roughly  
to a "pound", being half a kilogram.

de ian, K3IMW/6

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf  
Of Tracy Markham

> Sent: Friday, May 02, 2003 9:53 AM

> To: Low Power Amateur Radio Discussion

> Subject: names of decimals between micro, pico and nano?

>

> Hey guys -

>

> The handbook shows the names of the popular decimals - centi, milli,

> micro, pico ...

>

> BUT there's two decimals between micro and milli, and between micro  
and

> pico, etc.

>

> Where can one find the names, if they've ever been given, of the odd  
> decimals?

>

> deci .1

> centi .01

> milli .001

> ?? .0001

> ?? .00001

> micro .000001

> ?? .0000001

> ?? .00000001

> etc

>

> I don't have any real reason for needing this - just curiosity. IS  
there

> a name for these unidentified decimals??

>

> always thinking up more goofy stuff ... sorry

> Tracy N4LGH

>

-----  
Date: Fri, 2 May 2003 14:31:12 -0500  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: <qrp-1@Lehigh.EDU>  
Subject: [149859] Source of 1 per cent RF capacitors  
Message-ID: <00a201c310e1\$6390b5e0\$4e100a0a@rohredt2000>

This from a company most noted for its resistors for many years:

<http://www.vishay.com>

One per cent capacitors!  
72,  
Stuart K5KVH

-----  
Date: Fri, 2 May 2003 15:50:56 -0400  
From: "Howard Kraus" <K2UD@adelphia.net>  
To: <kd1jv@moose.ncia.net>  
Cc: <qrp-1@Lehigh.EDU>  
Subject: [149860] AT Sprint arrived!  
Message-ID: <002501c310e4\$2591b5c0\$53633018@buf.adelphia.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

It's in my hot little greedies right now. Yippee! After the happy dance, I'll check for all parts and take my time building whilst simultaneously torturing my eyes.

Mine looks like it may have been opened and taped closed by the Post Orifice. Steve? It looks like the type of Jiffylite mailer that self-closes but it appears mine might have been cut open before it was taped. Have three parts bags, PCBs, and paperwork, will check for anything missing. The anthrax was left out.

Guys, this thing looks impressive. Didja get one?

72

Howard Kraus, K2UD

-----  
Date: Fri, 2 May 2003 15:58:40 -0400  
From: "K8YS/N8LBR" <jbcraft@adelphia.net>  
To: <ec5aca@wanadoo.es>,  
    "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>  
Subject: [149861] RE: What's the matter with the www.qsl.net/kd1jv page?  
Message-ID: <002a01c310e5\$3a1c6340\$79d7aa44@lbrtoh.adelphia.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I think it was QSL.NET that had problems earlier today. I tried several times to find different sites...

KD1JV's site is up - I am there now.

00  
73  
Bob K8YS

-----  
Date: Fri, 02 May 2003 20:07:38 +0000  
From: "Brad Hernlem" <alihernlem@hotmail.com>  
To: n4lgh@waveguide.us  
Cc: qrp-1@lehigh.edu  
Subject: [149862] Re: names of decimals between micro, pico and nano?  
Message-ID: <Law9-F1079B0JQvtMFW0001184b@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Tracy Markham (n4lgh@waveguide.us) wonders:

>Hey guys -

>The handbook shows the names of the popular decimals - centi, milli, micro,  
>pico ...

>BUT there's two decimals between micro and milli, and between micro and  
>pico, etc.

>Where can one find the names, if they've ever been given, of the odd  
>decimals?

>deci .1  
>centi .01  
>milli .001  
>?? .0001  
>?? .00001  
>micro .000001  
>?? .0000001  
>?? .00000001  
>etc

>I don't have any real reason for needing this - just curiosity. IS >there a  
>name for these unidentified decimals??

To my knowledge, after milli it all goes by threes .... but you did forget  
nano between micro and pico. Further out is fempto and atto.

Brad KG6IOE

---

MSN 8 with e-mail virus protection service: 2 months FREE\*  
<http://join.msn.com/?page=features/virus>

-----  
Date: Fri, 2 May 2003 16:21:05 -0400  
From: "Rex Harper" <w1rex@megalink.net>  
To: <qrp-l@lehigh.edu>  
Subject: [149863] TESTING: need help with HP4191A  
Message-ID: <004a01c310e8\$5bc4ff40\$6c01a8c0@maine.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Dear QRP gaggle,

I have a newly acquired HP4191A Rf Impedance Analyzer which has almost as  
many buttons as my computer. While I have a several decades dealing with  
computer buttons, I only have a couple of weeks playing with 4191A buttons.  
If anyone reading this post has some hands on experience measuring stuff and  
kludging up test fixtures and would share some knowledge, I would love to

chat about a couple of things that are driving me bonkers. Have free long distance on cellphone, will call you.....

Thanks in advance!

W1REX      Rex Harper      "The Tinman"

-----  
Date: Fri, 2 May 2003 16:55:54 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <n4lgh@waveguide.us>,  
      "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [149864] Re: names of decimals between micro, pico and nano?  
Message-ID: <002601c310ed\$3a914b80\$0200a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I don't think they have formal (at least, widely accepted) names.

Probably for the same reason it in the other direction.

1	ones
10	tens
100	hundreds
1000	thousands
10000	.....
100000	.....
1000000	million

Once you move 'off axis' from zero, the absolute detail isn't important in the name.

Mike

-----  
Date: Fri, 02 May 2003 16:54:17 -0400  
From: listmember <listmember@comcast.net>  
To: brewerj@squared.com,  
      Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [149865] Re: source for small coaxial DC supply connectors  
Message-ID: <000601c310ec\$ff8f3f10\$2600a8c0@GALAXY>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

Most of us use coaxial connectors from RS. Somehow I've ended up with 3 different sizes for my gear, when

-- One Size Fits All --

or at least most.

To me that means it doesn't have to fit the smallest Altoids tin. It means it will work for most QRP rigs.

We need to track down a supply of adequate connectors for QRP and group buy 'em. There aren't that many suppliers these days. Perhaps Mouser?

-- After Dayton! --

72

Hap, WA3PTG  
Wilmington DE

----- Original Message -----

From: <brewerj@squared.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Friday, May 02, 2003 13:49  
Subject: source for small coaxial DC supply connectors

> I'm looking for a mail order place to buy a dozen or two of the small  
> barell type coaxial  
> power connectors used on most QRP gear. I'm getting tired of paying  
> Radio Shack prices for them.  
>  
> Anyone have a good source for them at reasonable prices. Have checked All  
Electronics  
> and Electronic Goldmine without success.  
>  
> Need male and female versions of this connector  
>  
> Thanks!  
> John  
>

>

-----  
Date: Fri, 2 May 2003 16:01:02 -0500  
From: "Michael Melland" <w9wis@charter.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,  
<fpqrp-l@fpqrp.com>, <njqrp@njqrp.org>  
Subject: [149866] [OT] Test Gear For Sale  
Message-ID: <002d01c310ed\$f0abf280\$3f20be42@computer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

About a year ago I posted a list for Martin Handley of used test gear for sale. I received another list from him today and thought I'd pass it along. The instruments are all from Milwaukee School of Engineering's EE Lab ... Marty is the lab manager. The stuff is all checked for proper operation and comes with manuals. Please contact Marty direct... the list is below as well as his contact information. No financial interest in this and Marty is not a social friend.... just met him last year at a hamfest, nice guy and a fellow college employee ... all the gear he was selling was very clean.

73 de Mike, W9WIS

TEST EQUIPMENT FOR SALE ( 25% off Sale)  
3/12/2003

OSCILLOSCOPES w/ cord  
5 - Tektronix T932 + (4 to repair) 35 Meg. Dual Trace Reg. \$200.00 (Sale Price \$150.00)

FUNCTION GENERATORS w/ cord  
2 - H/P 3310A + (4 to repair) Reg. \$120.00 (Sale Price \$90.00)  
3 - Interstate F33 + (1 to repair) Reg. \$120.00 (Sale Price \$90.00)  
1 - Interstate/ATO/Racal Dana F-64 w/ counter \$150.00 ea. + (4 to repair) (Sale Price \$110.00)

DIGITAL MULTIMETERS - w/ cord & test leads  
1 - B & K 283 + (1 to repair) Reg. \$50.00 (Sale Price \$30.00)  
4 - Fluke 8010A Reg. \$100.00 (Sale Price \$75.00)  
5 - H/P 3476A + (4 to repair) Reg. \$50.00 (Sale Price \$35.00)

VOLT-OHM METERS - w/ test leads  
2 - Triplet 630PLK (New \$297.67 @ Newark) Reg. \$75.00 ea. (Sale Price



\$55.00)

#### POWER SUPPLIES

21 - Southwest Technical Products #143 + (15 to repair) Reg.\$35.00 ea.(Sale Price \$25.00)

6 - Elenco Triple Supply XP660 (\$249.95 New @ Elenco) Reg.\$100.00 ea.(Sale Price \$75.00)  
(5 to repair)

#### PROTOTYPE DESIGNERS

10 - E & L Digi Designers DD-1 Reg. \$50.00 (Sale Price \$35.00)

ALL ABOVE EQUIPMENT IS FULLY OPERATIONAL & COMES WITH MANUALS - ALL SALES

CASH - Quantity: Subject to decrease due to prior sale

For more Information & Specifications....

Contact:

Martin E. Handley - work (414)277-7291- handley@msoe.edu  
(After 5 pm & Weekends) (262) 703-3394

--

Michael Melland, W9WIS

Winneconne, Wisconsin USA EN54pc

qrp-l #1656 - qrparci # 9875 - iparc #252

ars #1075 - <http://webpages.charter.net/w9wis/>

-----  
Date: Fri, 2 May 2003 17:29:25 -0400

From: "Russ Hines" <wb8zcc@one.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [149867] A & A Engineering rig

Message-ID: <003b01c310f1\$ec7e0370\$4307c00a@wb8zcc1>

Hello all:

A friend asked me to look at his A & A Engineering QRP CW rig, to see what I could do about a drift problem. If I recall, it's a K9AY design and has a bit of a drift characteristic anyway...

Anyone run across a solution that doesn't require redesigning the rig?  
Found it described in the '93 Handbook, mentions temp stability problems of the MC3362 on-board varactors.

Thanks.

73,  
Russ Hines  
WB8ZCC

-----  
Date: Fri, 2 May 2003 15:25:30 -0500  
From: "Doc K0EVZ" <dock0evz@earthlink.net>  
To: "qrp-l reflector" <qrp-l@lehigh.edu>  
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>  
Subject: [149868] REDUCED price = Red Hot 20  
Message-ID: <412003552202530490@earthlink.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII

Gang:

Found out that my original asking price for the Red Hot 20 was too high.  
Don't know where I came up with that price [g].

Anyway, how about a price of \$135.00 plus shipping to your CONUS address?  
I believe that Priority Mail will probably cost \$6.00-8.00USD.

The rig really is in tip top shape. These are truly beautiful looking rigs  
as well. Dave Fifield just aligned and tweaked the rig himself. I am  
selling some gear in anticipation of our move to the Albuquerque, NM ,  
area.

73,  
--Doc/K0EVZ

-----  
Date: Fri, 2 May 2003 16:09:27 -0600 (MDT)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: qrp-l@lehigh.edu  
Subject: [149869] PSK-31 Demo  
Message-ID: <Pine.LNX.4.44.0305021557110.3272-100000@bucket.dog>

MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Gang, I'm going to give a demo of how PSK-31 works and mostly explain what it takes to get it running. As those of us who use this mode know, the "Interface Unit" is the whole game.

I built my own Interface unit between an old laptop computer and my Yaesu FT-817 radio. I was amazed to discover that the only thing I had to make was the transistor and diode in the RS-232 hood, and a 10 to one attenuator on a 5 pin strip where I connected all the wires. I was careful to only use one ground from the computer to the radio.

I have a borrowed Rigblaster to show as the best way to do this and if anyone out East is on 20 meters I will be around 14.070 worbeling about 11:30 Eastern Time and 10:30 Central on Saturday May 3. My 5 watts will be radiated by an old TH6DXX beam at 40 feet. Hope to see your tracks on the waterfall.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

-----  
Date: Fri, 2 May 2003 18:07:03 -0400  
From: Luke Stras <stras@ecf.toronto.edu>  
To: qrp-l@lehigh.edu  
Cc: Luke Stras <stras@ecf.toronto.edu>  
Subject: [149870] Re: Unobtanium-plated connectors?  
Message-ID: <20030502180703.B11458@arrow.utias.utoronto.ca>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

On Thu, May 01, 2003 at 03:56:48PM -0400, Luke Stras wrote:  
[I wanted bulkhead-mounted N F-to-F connectors, and 50-to-75 Ohm N adapters]

Thanks to everyone for their replies and suggestions. We [that's not the royal we; it's me and the other engineer here] sat down today and looked at our options, and decided what we needed to buy. The final decision was to buy a power splitter for our Yagis, which eliminates the need for the 50-to-75 adapters. As for the bulkhead connectors, we figured out that there might be a way to get them locally; all else failing, we should be able to just use a regular F-to-F barrel, with a couple of nuts and some silicone caulking for sealing.

To answer Dean, NR2V's question of "why N?": parts commonality.  
\*Everything\* here is either N or SMA, which makes it really easy to swap out, say, a suspect cable, as we have umpteen different N and SMA patch cords lying around. For the few pieces of equipment which we have that aren't these connectors (typically UHF or MMCX), it's always a hassle to find the right kind of adapter.

Mind you, we can still get some pretty weird adapter chains:

Radio (MMCX) -> SMA patch cord -> SMA-N adapter -> attenuator -> N-SMA adapter -> attenuator -> SMA-N adapter -> spectrum analyzer

was one that I remember...

Again, thanks for the help.

--

Luke Stras <stras@utias.toronto.edu>

"The meek can have the Earth; the rest of us have other plans"

--Henry Spencer

-----  
End of QRP-L Digest 2908

\*\*\*\*\*

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